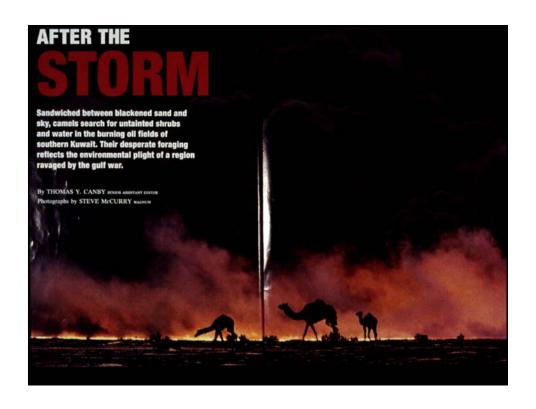
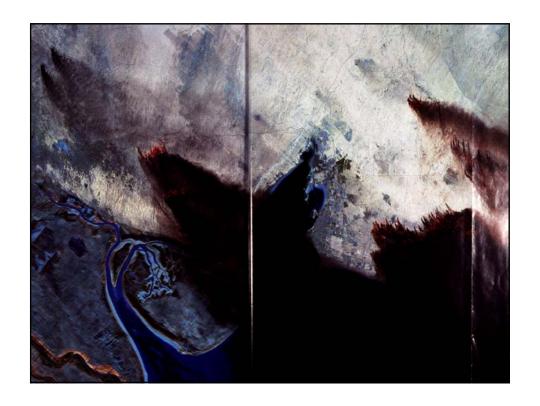


	WORLD	U.S.A
Energy/year	382 Quads	97 Quads
Fossil Fuels	85%	84%
Oil	40%	39%
Coal	22%	22%
Natural Gas	23%	23%
Nuclear	7%	8%
Renewable	8%	8%



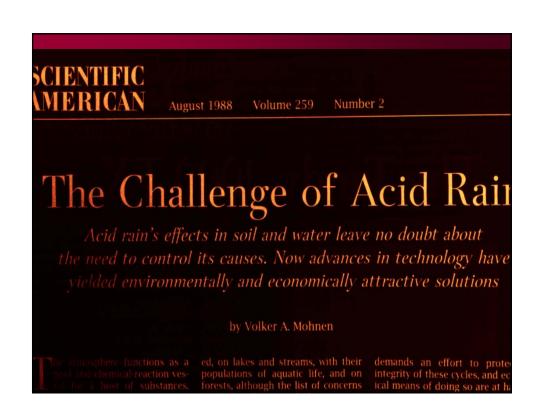














#### **Nation**

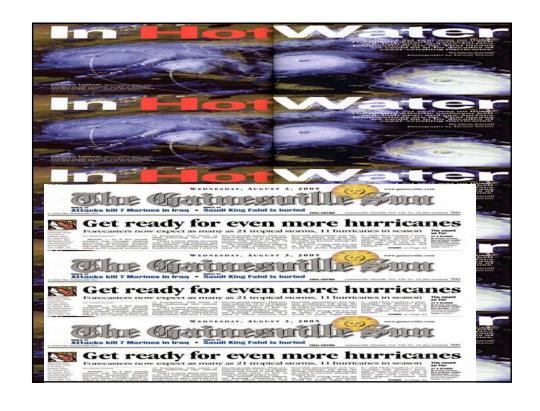
## Is the Earth Warming Up?

Yes, say scientists, but that may not explain this year's heat wave

The Great Plains has become a dust bowl, and people are moving north into Canada's uplands to seek work. Even in Alaska, changing ocean currents are boosting the fish catch. New York is sweltering in 95° weather that began in June and will continue through Labor Day. In the Southeast the hot spell started six weeks earlier...

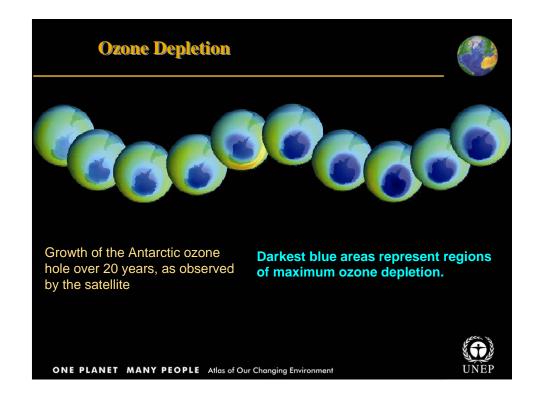
That picture of the future is all too familiar to many meteorologists. To some, it makes the drought that is crippling the nation's midsection seem an ominous barbinger of things to come Barbinger of

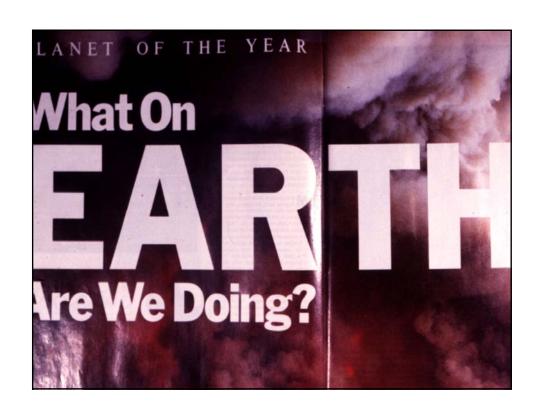
around the world. The data showed that temperatures over the past century had increased in winter more than in summer and that areas in high latitudes like Pari and New York had warmed up more than regions near the equator. That was consistent with computer models. "These are all expected signatures of the greenhouse effect," Hansen said. Still, he and othe leading scientists warned against concluding that the greenhouse effect is directly responsible for the heat wave that it parching areas of the U.S. "Why didn't we have a drought last summer?" he asks "You can only say that the probability of



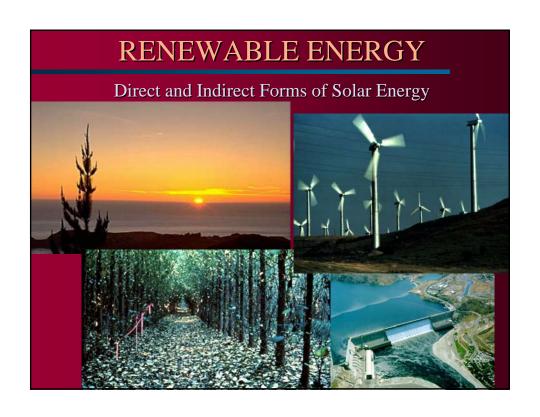




















### BIOMASS

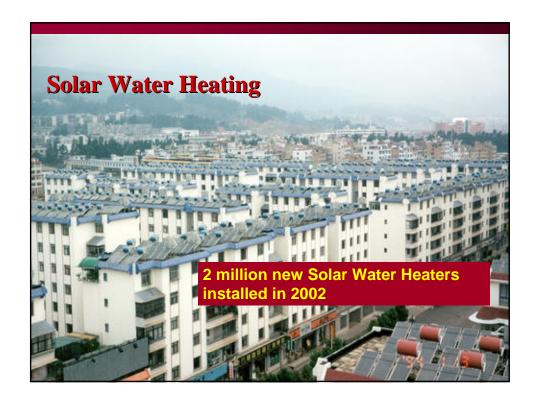
BIOGAS, ETHANOL, METHANOL, HYDROGEN

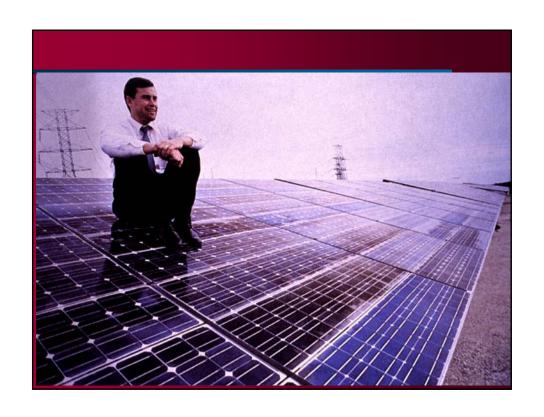
**FOR** 

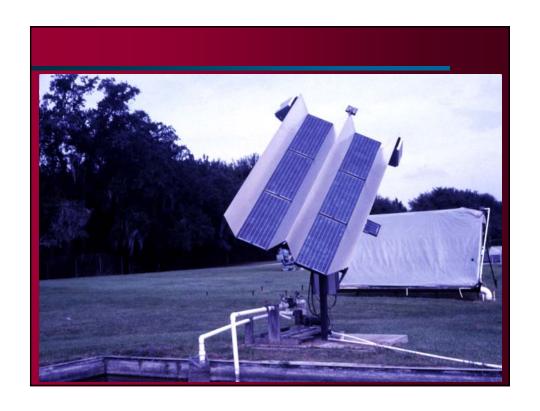
TRANSPORTATION POWER PLANTS

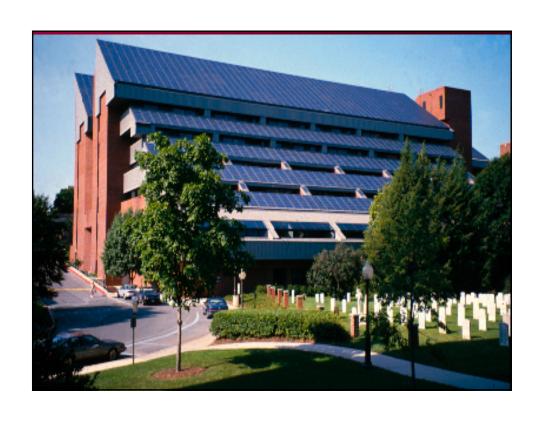
### **SOLAR ENERGY APPLICATIONS**

- WATER HEATING
- SPACE HEATING (ACTIVE & PASSIVE)
- INDUSTRIAL PROCESS HEAT
- AIR CONDITIONING (ACTIVE & PASSIVE)
- ELECTRICAL POWER
  SMALL CAPACITY PHOTOVOLTAICS
  LARGE CAPACITY SOLAR THERMAL POWER
- SOLAR DETOXIFICATION



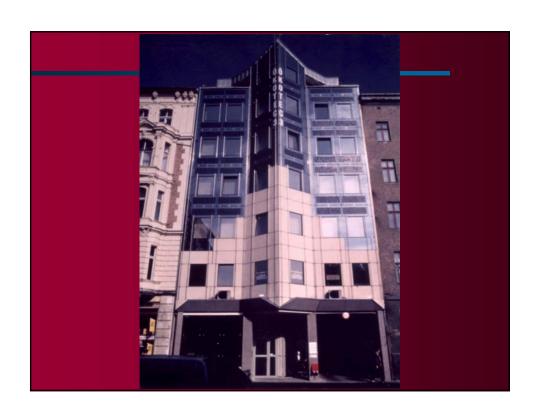


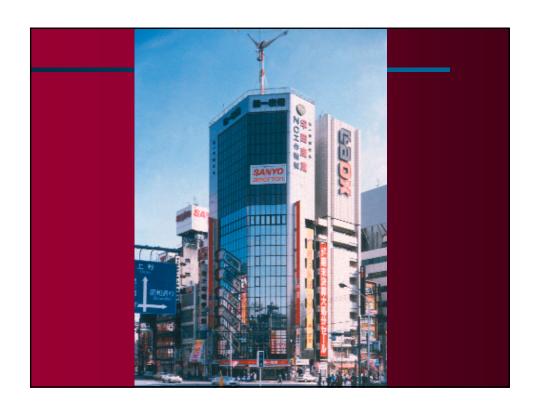


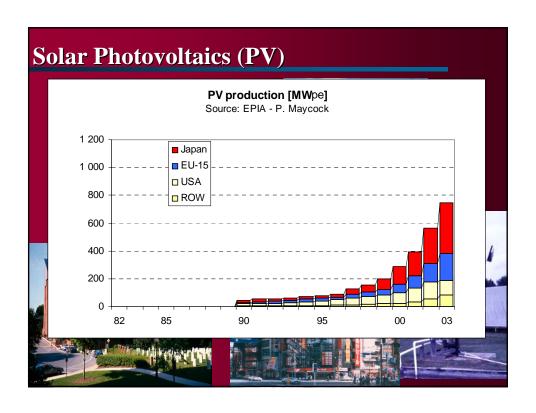


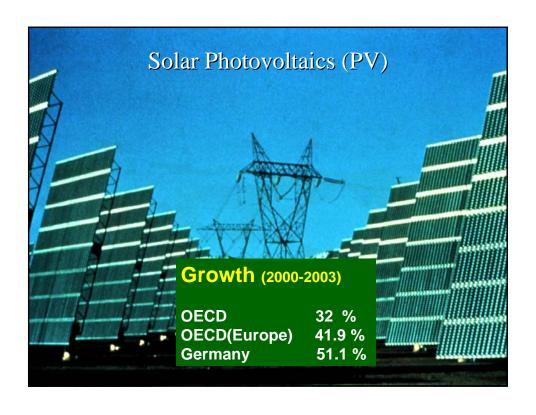




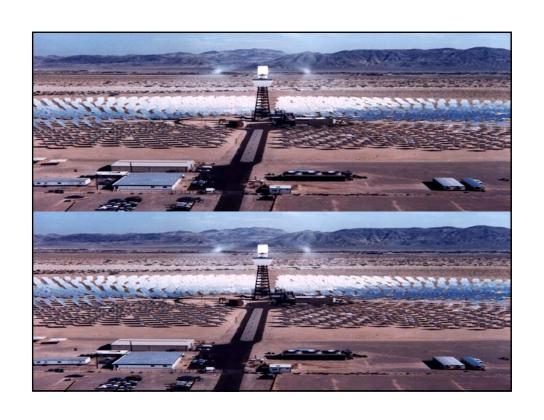




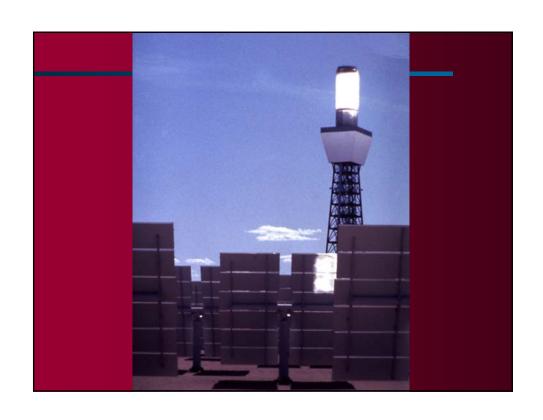




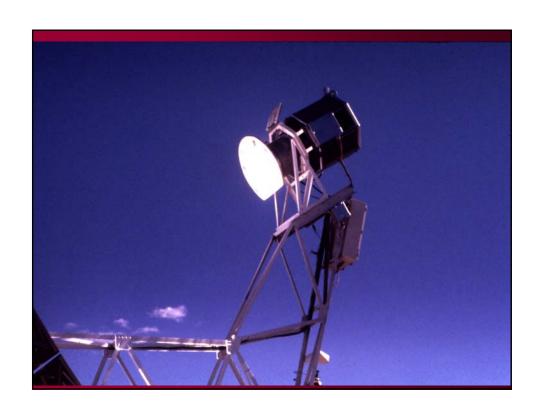






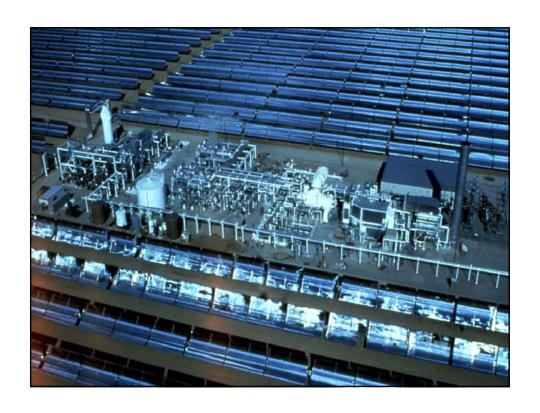


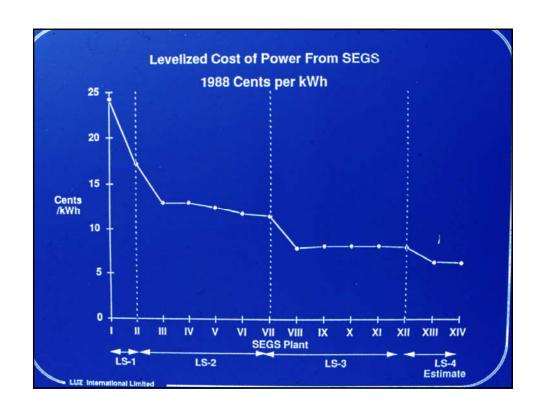


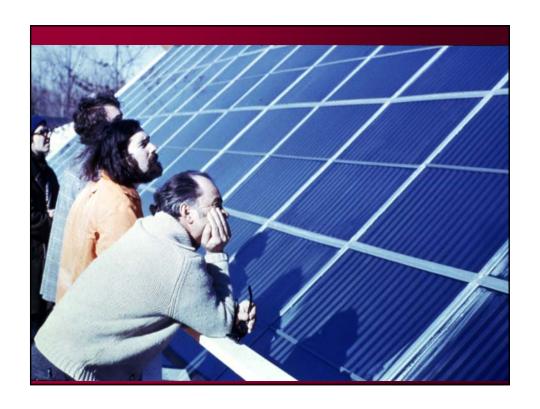


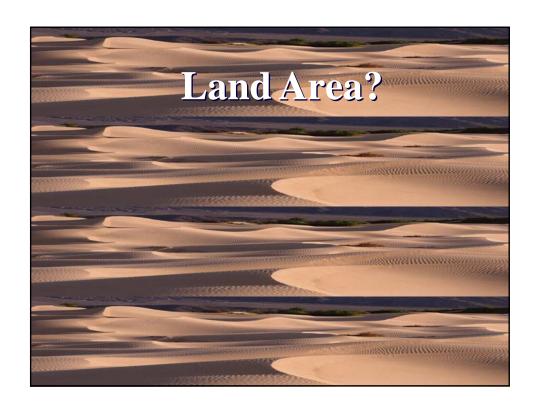


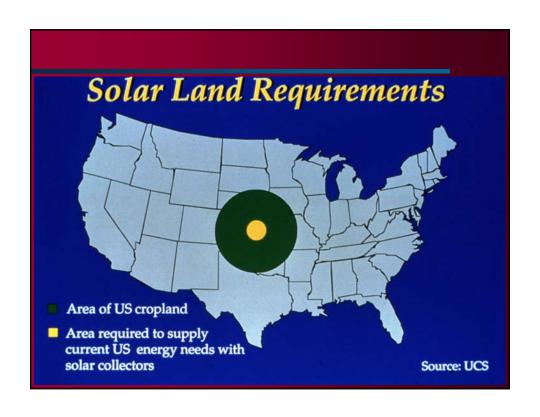


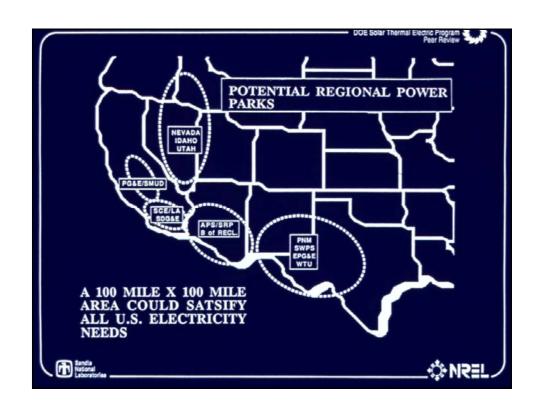


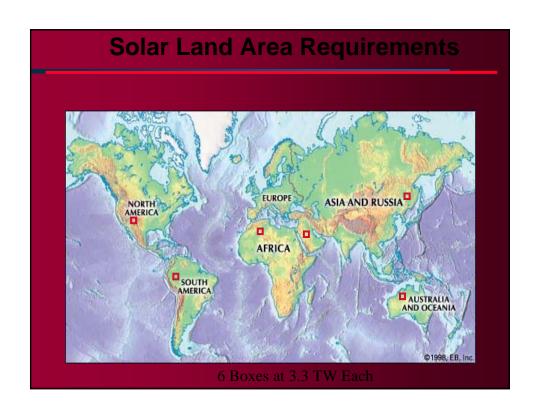


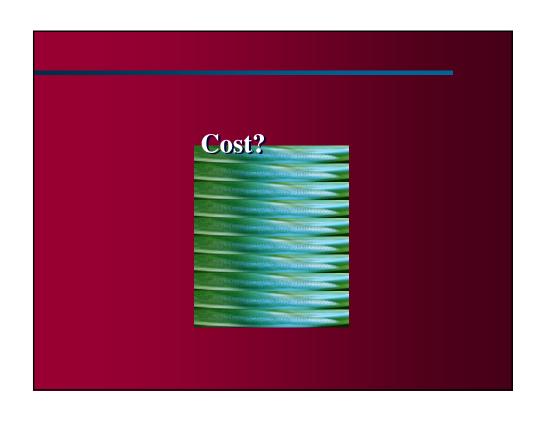


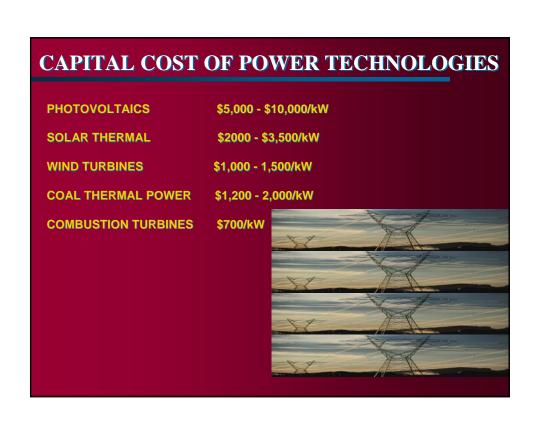




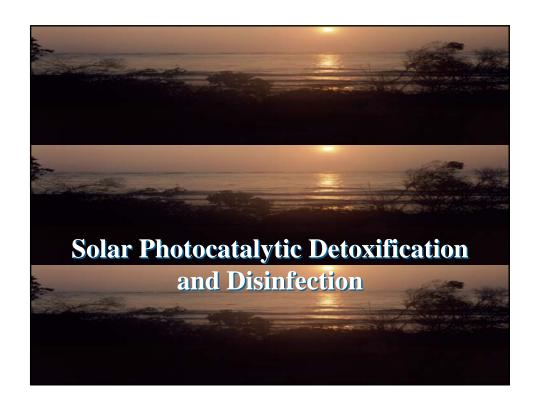


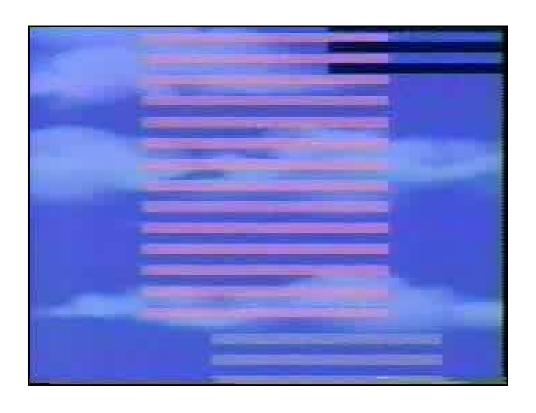












# Examples of Applications:

Groundwater contaminated by:

Petroleum

Pesticides

Solvents, etc.

• Industrial Wastewater

**Textiles** 

Pulp and Paper

Pharmaceutical etc.

• Contaminated Air Emissions

